

ABSTRACT

In order to provide a method of coating the surface of substrates in order, in particular, to affect the hydrophilicity or hydrophobicity thereof, by means of which method this effect can be simply achieved without great expenditure and by which method it is also possible to remove polymer not deposited on said surface, the present invention proposes that a solution of the polymer having derivatized hydroxyl and/or carboxyl groups and/or CN, halogen and/or amino substituents is brought into contact with the surface of the substrate and the derivatized hydroxyl and/or carboxyl groups or CN, halogen and/or amino substituents are solvolyzed so that the polymer is converted to a form showing reduced solubility.